

ABS-ASF

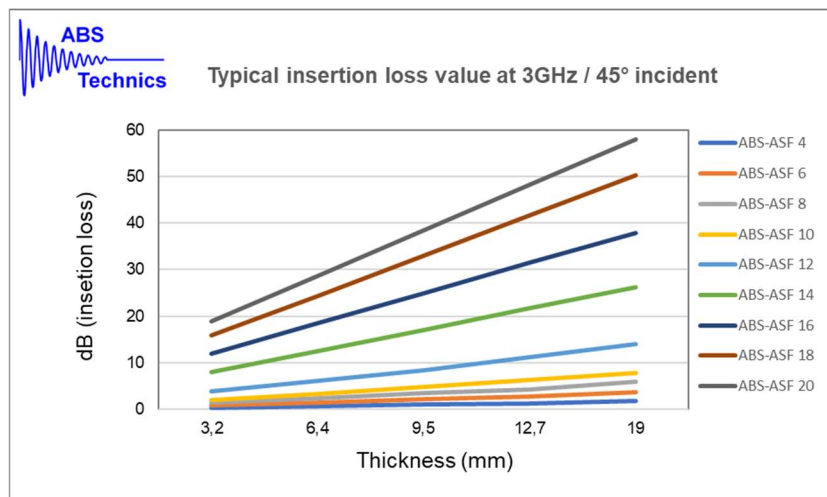
Flexible lossy sheet microwave foam absorber

ABS-ASF is a series of single layer urethane sheets available in different thicknesses and different lossy grades. The sheets are individually specified with a level of insertion loss (-dB) at a given frequency, typically in S-band as shown in the below measurement graph.

Applications :

- ABS-ASF sheets are mainly used in closed cabinet applications such as amplifiers, RF-radio's, oscillators to improve their Q-factor.
- ABS-ASF is also used to attenuate surface currents on metal structures.
- Isolation between RF-systems and also improvement of reflectivity level of reflecting objects.

Specifications :



Properties :

ABS-ASF is typically specified by its loss properties, insertion loss or attenuation both expressed in dB/thickness. **Different grades with tuned losses and standard thickness are available.**

The base material is a flexible urethane foam, so mechanically low density and ease of application are its most important features

Maximum service temperature : +90°C

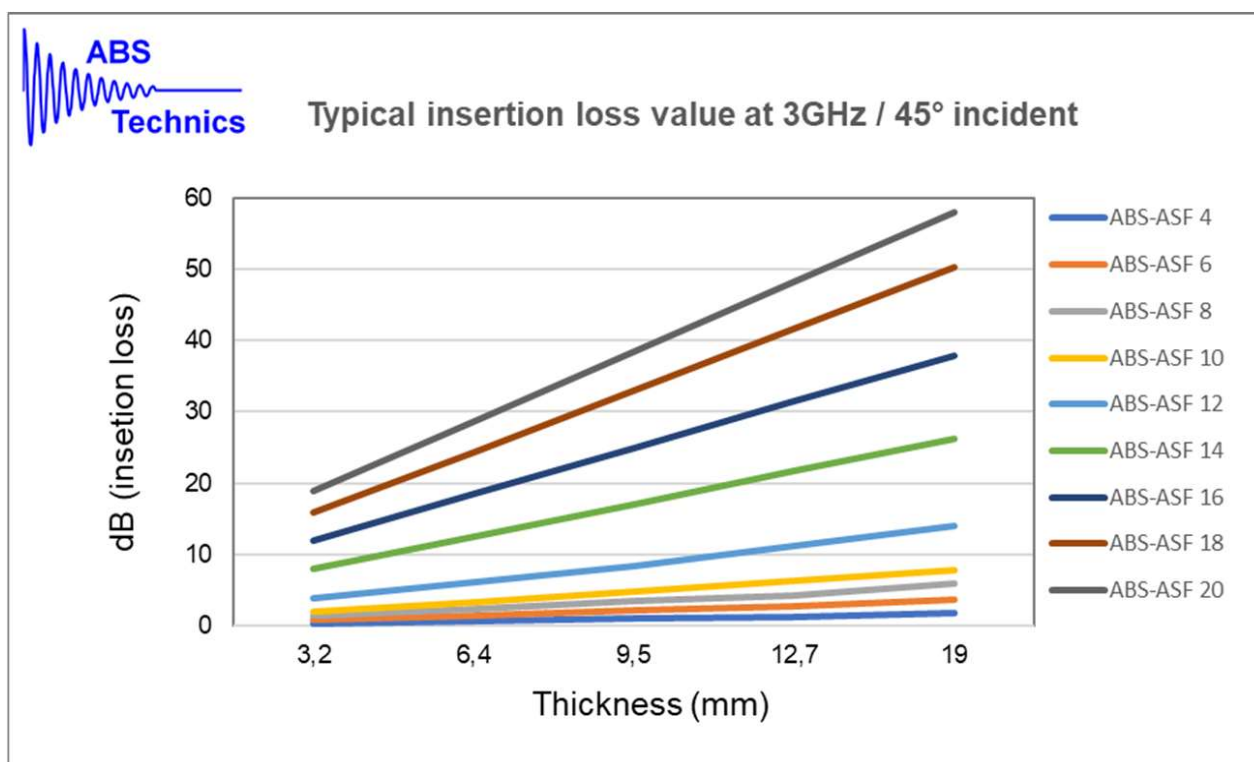
The information in this technical data sheet is believed by ABS Technics to be accurate and reliable. ABS Technics makes no representations or warranties of any kind on this data. All specifications can be subject to change without any notice. ABS Technics shall not be liable for incidental or consequential damages of any kind due to the usage of their material. All ABS Technics products are sold pursuant to our 'Terms and Conditions of Sale'.

Availability :

Standard outside dimensions : 610 x 610mm with thicknesses of 3.2mm, 6.4mm, 9.5mm, 12.7mm and 19mm.

Besides standard dimensions also specific or customized sizes and shapes can be supplied.

ABS-ASF can also be supplied with a self-adhesive tape to ease installation.



Supplied by:
www.hitek-ltd.co.uk
+44 (0)1724 851678



HITEK
ELECTRONIC MATERIALS LTD

The information in this technical data sheet is believed by ABS Technics to be accurate and reliable. ABS Technics makes no representations or warranties of any kind on this data. All specifications can be subject to change without any notice. ABS Technics shall not be liable for incidental or consequential damages of any kind due to the usage of their material. All ABS Technics products are sold pursuant to our 'Terms and Conditions of Sale'.